An Inaugural Espay. Hudrothorax Submitted to the Provost. And medical Faculty University of Pennsylvania The Degree of M.D. Francis, A, Willson of Wirginia " January 12 1822 admitted March 18th 1822

Physiologist That Armone, Asi

Hydrothorax

It is a fact well established among Physiologist: That when the system is inc a healthy and undisturbed condition. There is constantly powing into every cavity and somberties of the body, a watery fluid which without being permitted to accumulate to any, extent, is taken up and carried off, by a set of while appropriated for that purpose but it occasionally happens, that the quantity of this fluid is preternationally vacuared in some one of the carities in the systems, producing The direct time Dropey. And is then by Hoselelogical writers disignated by different appeliations; according to the particular lavily or interstices, in which this unusual accumulation may be present. And hence we meet with Anaranca, Asserts. Hydroughalus Internes and Hydron thoran or sit is called by some Mydrops Pretoris. The last of which is that form of proper I shall consider in this dipertation

Hay D. Sulviste Hybrops & the fruk words the forth eure the To of refer to the of My brotherway or as it is tromed by some Steelegist Hydrogs Octories is should be be a parternative a collection of a watery fluid in the Chart, and is become from the freek words likely writer and Horani The thart

Of all the different forms of Dropey, to which the human system is liable this is considered to be by far the most formidable, And by the generality of writers is regarded as a direase perfectly incurable; admitting under the most favourable circumstances but of a coassal and temporary velief from medicines This opinion however appears obviously to have originated from an incorrect view of its tathology. For by almost all the European Practitioners it is most storneouty maintained; that this with the other forms of Dropsy, is a disease originating in libility and apociated with what they termes a each cotic condition of the system. And neceparity requiring for it cure the tonic and stimulating remidies. To be convinced of the fallacy of this opinion we need only refer to the fatality whier almost invariably

Kto Ri em

resulted from a practices founded again much younds. That bogge, however may be operated with shill high what to make the both to about the most of the desired. But we obtain the commendate the found to make the commendate of the the temperature with the confluence of the almost both the fact of the most part of the desired to the the the part of the the temperature of the the temperature of the the temperature of the temperatu

The prelisposing bosses of this disease are various but among the most preject one a material disposition of the Charty board thick make with a material disposition to company to which may be added a moderating occupation.

The existing barrer are a too free indulgence in malt or special our biquers particularly Noting Beer, a see

hope quantities to new as the conseg widerable opposed by if the tatient a wend an acciousty. profive, as to by ajojnut of rest, in and heard to be con win the halit of be frequently stars MI cause intempting the fee eventations of bloods, through the actions people, downward turner turns wellow have you profit you the house blood replaced to the thirty by prefix you may not have blood replaced to may also when you have a subject to may also when you have the lives of the form of the court of the cour

Symptoms.

muces with difficulty in breathing menging and with trainfundity in breathing menging and with the trainfundit of the property on and tighting a don't the trainess of the alfficulty in respectively is easily increased upon any bouties of the prime or holdy participally produced by a fill of the product of mount on minimum or with a fill of the arrange property of the patient of discount according property of the patient of discount according to the patient of discount of a training of the mounted and market and have the training of the patients of discount of the training of the training of the patients of the contraction of the contraction of the contraction of the patients of

there was mon sumbrepien the Here is general ation Dr bu The countinance is pales untindicates a preutian Super of anxiety, and distrep, and there is generally a purple here of the eyes and fips: is a cough, attends Hy brothoras, which is at first bry, but in the more advanced stage is accompanied with an expectoral. ion of thick Phhym, or mucus. There is also a difficulty in Deglutition, which is productive of more or less paints with great thirst. Dr Chapman Days he has generally observed, that there was more or less paralysis, or sensation of numbres, in the about of the affected side, There is generally an Anasarea of the lower extre mities. In bullen says that a fluctuation of waters perceived by the patient, when changing the different portures of his body, is the most dissive symptoms there is always more on hip Tyrixia. present

Efficulty is the tues as Empy my we will of And in the los for themselves . By Inthonan. you depution a whoth sage of Diagnosis

bur Diagnosis in the early stage of this disease, will be difficult in proportions to the rapidity with which the water accumulated If it be slows and gradually increased, the symptoms will be obscurely marked, And what increases this difficulty's is the number of diseases, with which Hydrothorax, is hiable to be confounded, you Luch as Empremas Angina Octoris, and Asthman But by a close attention, to the pseuliarities of even case, we will generally be able to distinguism them And in the latter stage; the phanomena of this Given swill be so striking the horrors and ruffer ings of the patient so extreme; as irresistably to for themselves, on the attentions of the practitioner and have no doubt, as to the real existence of My Irothoran. Appearances on Dispertions upon differtion we fine a collection of water in one or both sacs of the Pleura; and most generally in both accompanied by a collection, in the cellular texture posseded by

in sign, An

Treatm.

as the fine

by the succe Toms of the

of this coun

and principal curities of the system. The fluid is accounting, of yellowish colour and profess proporties simulated to second alls occasions much in segard to grantity, exhicas of year the having sixtle be found proportionally makened in sign, And are sixtle be very offer find some of the obtained and reserved hereally protected by the birrier, and this is much more up to the late to the tops of the lands was there to me in the lands has been presented by granting to the tops of the lands has been presented by granting however.

Treatment.

Saled to a patient in the early stage of by bother and the health to be should nevert to consistence as the first and best they trunked averating its property by the projects in this most, of proceeding is just took by the succept which assumed attend it, and by the obvious understance of the sales and accordingly and more marked to the thirty is also acknowledged and occumented by the most or expectable proceedings of the source and the trunked by the first water however ten to his bown as segard the grantly to be extracted

perough to une Seales hup up a c

This must oppened upon the judgement of the Brackthines and the existing arounstances. As auxilliary to venesation as may derive great advantage from the application of cups and Luches to the back or side some suppose that we shall divine quature advantage by placing them between the shoulders, I am not aware however that any material difference exists, as to the parties for spots upon which they should be applied. We are informed that several of the most imment practitioners of Philadely dias are in the Rubit of breat ing this disease intimely in the early stage by topical deptition. There can be no doubt as to the whility of this particularly when we are apprehensive that the system is not capable of next airing a more active aphtein After sufficient evacuations have been premised by the means above mertioned we should receive to the use of blisters; which should be large prenough to cover the whole thest and as fast as me heales another should be applied so as to keep up a constant discharge, by observing this

ague thene 4th the.

method we shall divine great and decide advantage Should the Sevense not yield to this treatment we should resert to similies which is a clap of remidies seround for their utility in all Ag bropie of estime The best of which is a combination of calomet and equille in the proportion of a grains of the former with sof the lattery which should be given sory we are informed by by chapman that as soon so the wouth becomes affected we shall have the pheasure of seing the disease arrested and with it the ogap new opprepion of the breast and all the other bad sym ytoms subside. This loss appear some what enthusiastic but of the inestimable utility of this combination there can be no doubt, for we have the concurrent Testimony of several of the most insent brastitioners of their effecting tures with it when all other articles and fails. Digitalis once stood so preeminent for The curr of this disease as to be considered a specific by several of the most eminent tractitioners of Europe

gate to the use of by his enthusiastis her own into the of use, there can be so abundant and a by supticism in. but that it is clear nit of Hamilton a

particularly by Methering and Hamilton the latter na however advanced on desperate that discount gill to the use of this sorticle. Such however Soes not appears to be the opinion, of the Orastition in of this country, they on the contrary condem the article as perfectly useless in this lineare and How such contradictory statements are to be reco cited I cannot possibly conceive That both are army by his enthusiastic love of the article and the other has men into the appoints extreme. That signitalis has bun productive of good in the cure of this dis was, there can be no doubt. And the testimony is so abundant and respectable that it certainly would his supticism in me to day its utility altogether but that it is deserving of the high encomments paper mit by Hamilton and other European writers (

Oryonel Bblehier

is what I cannot willingly acquiesce in . Thould the bal omel and Squills fail; we may with propriety new to the it nost kindly and binificially. And as long as there reme ins any activity in the circulation or general strength; It suite prove injurious. Different modes are used in its Downistration, but the powder is printerable in done of 201 grains once or Livier aday, agreeable to circumstances. being one of the best and most certain evacuants of water Sweet spirite of Netre 37 Gracem to be taken with Gireture of Squills 3/2. a little water on 4 times Daymel Eblehieum 3/2.) in 24 hours. Syrup of Buck thorn 31 In

I know nothing of the whility of this combination but coming from arech respectable seithouty. It entainly Moule

husa Mrd if. Hidinare and But the Outien Mintrous Ligner you carrienged .

be considered as worthy of over attention. I'm the binificial reasonable to suppose, that they would be productive of god in Hybrothorax such however is not the case but on the contrary they are said to aggravate the is accumulations of phlym; with difficult expectorations they might be used with evident advantage, in nause Ling dores. I have now mentioned all the different remidies which will found requisite in the treatment of this house And if administered with Sue discontion and judgement will sam persualed be sufficient to arrest the disease and nature our tradeint to health. But before closing it may be need any to remark that the catient best should be low and nowinshing Epintreous Liquors and as soon as he is able should take somoderate exercise on horse back on in an you carriages, And above all to grand against cold a should therefore never expose himself and should wan fland once of this of one consistant police you are And in order to Thomphen his typhen and insignate and give fore the his embedding Jonies Musel has employed the control to make you to make you have what you have something to make the product to the control to the c

any he says so but I had solven were had I have made as though not originality as may be presented in the persons of their spay. But on the buttoning them such that of my solver of the subject of man have been such the subject of t

Smitted March